

TOP SECRET**PRIORITY**

TOP SECRET 092113Z

OUT52988

10 MA 25X1

1950

ARGON CORONA

~~WFS~~ 25X1

REF: VISIT BY ON 5 MARCH 1964

~~WFS~~ 25X1

SUBJ: S/I CAMERAS

~~WFS~~ 25X1

1. REFERENCE VISIT WAS MOST FRUITFUL AND APPRECIATED BY

~~WFS~~ 25X1

2. REQUIREMENTS FOR S/I CAMERA CONSIDERATION ARE AS

~~WFS~~ 25X1

FOLLOWS:

Grace (File)

A. TIME AND FREQUENCY OF EXPOSURE

(1) CORONA SYSTEM - AT LEAST ONE STELLAR EXPOSURE FOR EACH
ALTERNATE PAN EXPOSURE.(2) SYSTEM - AT LEAST TWO STELLAR EXPOSURES FOR EACH
STRIP FRAME.

25X1

B. STELLAR CONE ANGLE - BETWEEN 18 DEGREES AND 29 DEGREES.

C. CALIBRATION

(1) INTERIOR ORIENTATION OF EACH CAMERA

(2) ANGULAR ORIENTATIONS BETWEEN STELLAR AND INDEX CAMERAS.

D. FIDUCIAL MARKS SHOULD BE ASYMMETRICALLY LOCATED.

E. LOCK ANGLE BETWEEN STELLAR AND INDEX CAMERAS TO BE 90 DEGREES
OR GREATER.F. STELLAR CAMERA SHOULD OPERATE INDEPENDENTLY FROM INDEX OR
ANY OTHER CAMERA AND HAVE INDEPENDENT FILM SUPPLY TO
FACILITATE USE OF DIFFERENT FILM AS NECESSARY.

G. BINARY TIME WORD RECORDED ON EACH STELLAR AND INDEX FRAME.

TOP SECRETGROUP 1
Excluded from automatic
downgrading and
declassification 25X1